

# OPERATING DATA REPORT

DOCKET NO. 50-333  
 DATE July 1981  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315)342-3840

## OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 810601-810630
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 883
5. Design Electrical Rating (Net MWe): 821
6. Maximum Dependable Capacity (Gross MWe): 830
7. Maximum Dependable Capacity (Net MWe): 810
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

NONE

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>51960</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>3894.9</u>	<u>36808.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720</u>	<u>3833.3</u>	<u>35736.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1720152</u>	<u>8971464</u>	<u>73155058</u>
17. Gross Electrical Energy Generated (MWH)	<u>587930</u>	<u>3115590</u>	<u>24945100</u>
18. Net Electrical Energy Generated (MWH)	<u>570855</u>	<u>3020320</u>	<u>24145400</u>
19. Unit Service Factor	<u>100.0%</u>	<u>88.3%</u>	<u>68.8%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>88.3%</u>	<u>68.8%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9%</u>	<u>85.9%</u>	<u>62.4%</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6%</u>	<u>84.7%</u>	<u>56.6%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>11.7%</u>	<u>17.6%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>Refueling and maintenance outage scheduled for October for a period</u>			
<u>of 110 days.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

8211020414 810701  
 PDR ADOCK 05000333  
 R PDR



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
 UNIT JAFNPP  
 DATE July 1981  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315)342-3840

MONTH June 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	798
2	808
3	809
4	807
5	804
6	803
7	804
8	806
9	804
10	806
11	805
12	806
13	779
14	799
15	803
16	802

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	802
18	800
19	797
20	795
21	800
22	802
23	802
24	800
25	801
26	796
27	631
28	713
29	802
30	801
31	---

SUMMARY: Unit operated at near full rated thermal power for this reporting period. On June 27, 1981 power was reduced for rod pattern adjustment.



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1981

DOCKET NO. 50-333  
 UNIT NAME JAFNPP  
 DATE July 1981  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315) 342-3840

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
7	810627	S	0	H	4	NA	NA	NA	Rod pattern adjustment

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source



POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

JUNE 1981

The FitzPatrick unit operated at near full power during this reporting period.

Power was reduced on June 27, 1981 to approximately 650 MWe to adjust rod pattern to compensate for fuel burn up. Upon completion, power was increased at the pre-conditioning rate.



POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

JUNE 1981

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/19	70	9070 RWC-2A	Visual	Normal wear	Replaced expansion joints.	12
6/19	70	9874 RWC-2B	Visual	Normal wear	Replaced expansion joints.	20
6/13	76	12086 A Standby Gas	Surveillance	Plugged up nozzles	Cleaned nozzles.	6
6/17	13	8838 Backdraft Fan	Installation Testing	Design	Added counter weights to dampers.	22



POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

JUNE 1981 I&C

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/4/81	02	9942 02 FIS 116B	I&C	Corrosion in snubber	Abnormal High flow indicator	Cleaned snubber	2.0
6/2/81	02-3	9953 02-3-LIS-58A	I&C	Defective Switch #3	Recirc pump trip inop.	Replaced switch	8.0
6/1/81	02-3	9942 02-3-PS-51AD	N/A	N/A	N/A	Reset switches to comply with T.S. Change.	6.0
6/19/81	03	9633 Rod select button 30-07	OPS	Age/Use	Rod would not select	Replaced push button switch	10.0
6/3/81	07	11997 RBM-B	OPS	Defective Relay	B RBM remained bypassed	Replaced relay	7.0
6/5/81	10	11992 10 LS 105A	OPS	Defective Relay	Dual indication (Dry & Wet)	Replaced relay	20.0
6/5/81	17	11993 17 RE431A	OPS	Corrosion inside magnet.	Flow control valve oscilates	Replaced and aligned magnet	34.0
6/5/81	20	12010 FQ 527	OPS	Cal. Data in Procedure	The integrator registered flow with no pumpout	Corrected data in the ISP and calibrated 527	8.0
6/1/81	27	11990 O <sub>2</sub> AZ 101A	OPS	Age	Indicated downscale	Recalibrated Per ISP-31	24.0
6/9/81	27	11929 27 R102	OPS	Defective amplifier	One pen of recorder inop.	Parts on order	2.0
6/15/81	70	12133 70 TS 102L	OPS	Unknown	Lo Duct Alarm is in	Calibrated switch	12.0
6/15/81	70	10090 70 TS 100	OPS	Unknown	Switch does not reset	Calibrated switch	12.0